

## Rabbit anti-Human, mouse CENPK Polyclonal Antibody | anti-CENPK antibody

CENPK Antibody (C-term)

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA287861 | Rabbit | Human, mouse | Immunohistochemistry, ELISA, Western Blot |

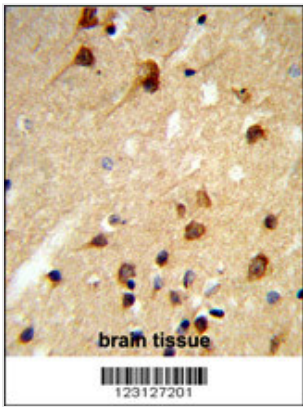
### PRODUCT SYNONYMS

CENPK; Polyclonal Antibody; CENPK Antibody (C-term); Centromere protein K; CENP-K; Interphase centromere complex protein 37; Protein AF-5alpha; p33; ICEN37; anti-CENPK antibody

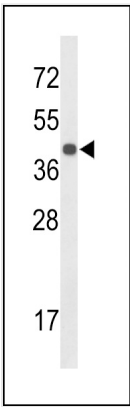
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                              |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                       |
| Reactivity                                      | Human, mouse                                                                                                                                                                 |
| Clonality                                       | Polyclonal                                                                                                                                                                   |
| Isotype                                         | Rabbit Ig                                                                                                                                                                    |
| Specificity                                     | This CENPK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 239-266 amino acids from the C-terminal region of human CENPK.       |
| Purity/Purification                             | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                     | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                   | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                              | 239-266                                                                                                                                                                      |
| Sequence Length                                 | 269                                                                                                                                                                          |
| Applicable Applications for anti-CENPK antibody | IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                                         |
| Antigen Type                                    | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                  | HUMAN                                                                                                                                                                        |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |

IMAGES



**IHC (Immunohiostchemistry)**  
Formalin-fixed and paraffin-embedded human brain tissue reacted with CENPK Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



**WB (Western Blot)**  
Western blot analysis of CENPK Antibody (C-term) in mouse liver tissue lysates (35ug/lane). CENPK (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                      |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CENPK antibody | CENPK is a subunit of a CENPH (MIM 605607)-CENPI (MIM 300065)-associated centromeric complex that targets CENPA (MIM 117139) to centromeres and is required for proper kinetochore function and mitotic progression. |
| References                                          | Cheeseman,I.M., et.al., Mol. Biol. Cell 19 (2), 587-594 (2008)<br>Izuta,H., et.al., Genes Cells 11 (6), 673-684 (2006)<br>Okada,M., et.al., Nat. Cell Biol. 8 (5), 446-457 (2006)                                    |

NCBI AND UNIPROT INFORMATION

|                                  |                                     |
|----------------------------------|-------------------------------------|
| NCBI GI #                        | 388490144                           |
| NCBI GeneID                      | 64105                               |
| NCBI Accession #                 | NP_001253967.1; NP_071428.2         |
| NCBI GenBank Nucleotide #        | NM_001267038.1                      |
| UniProt Accession #              | Q9BS16; Q9H4L0                      |
| Molecular Weight                 | 31655                               |
| NCBI Official Full Name          | centromere protein K                |
| NCBI Official Synonym Full Names | centromere protein K                |
| NCBI Official Symbol             | CENPK                               |
| NCBI Official Synonym Symbols    | P33; Solt; CENP-K; FKSG14; AF5alpha |
| NCBI Protein Information         | centromere protein K                |
| UniProt Protein Name             | Centromere protein K                |
| UniProt Gene Name                | CENPK                               |
| UniProt Synonym Gene Names       | ICEN37; CENP-K                      |
| UniProt Entry Name               | CENPK_HUMAN                         |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

